DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare: that my citizenship, residence and post office address are as stated below; that I verily believe I am the original, first and sole inventor (if only one is named below) or a joint inventor (if plural inventors are named below) of the invention entitled:

PROGRAMMABLE BANDWIDTH DURING START-UP FOR PHASE-LOCK LOOP

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint as principal attorneys:

Perry Palan, Reg. No. 26,213; William R. Coffey, Reg. No. 24,023; Arland T. Stein, Reg. No. 25,062; Richard D. Conard, Reg. No. 27,321; Richard A. Rezek, Reg. No. 30,796; Nancy J. Harrison, Reg. No. 27,083; Dilip A. Kulkarni, Reg. No. 27,510; Jeffrey A. Michael, Reg. No. 37,394; Bradford G. Addison, Reg. No. 41,486; Bobby B. Gillenwater, Reg. No. 31,105; Mark M. Newman, Reg. No. 31,472; Richard B. Lazarus, Reg. No. 48,215; Richard P. Krinsky, Reg. No. 47,720; Thomas J. Donovan, Reg. No. 33,231; Alice O. Martin, Reg. No. 35,601; Grant H. Peters, Reg. No. 35,977; Daniel P. Albers, Reg. No. 44,008; Paul B. Hunt, Reg. No. 37,154; and all practitioners associated with Customer Number 32095

to prosecute and transact all business in the Patent and Trademark Office connected with this application and any related United States and international applications.

Please direct all communications to the following address:

Barnes & Thomburg 750 17th Street, N.W., Suite 900 Washington, D.C. 20006 (202) 289-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR:

Shyng Duan Chen

Citizenship:

US

Post Office Address/

12813 102nd Avenue NE

Residence:

Kirkland, Washington 98034 hozelden

(Signature)